II.   AMENDMENTS TO THE ABSTRACT OF THE DISCLOSURE:

Kindly replace the Abstract of the Disclosure with the following new Abstract, wherein a clean copy of the new Abstract follows the marked-up copy on a separate page:

~~The time required to process a subset of an array can be shortened.~~ Table-formatted data is divided into information blocks, each including a value list ~~(VL)~~ where ~~the~~ item values are arranged in order of item value number corresponding to the item value of each item, and a pointer array ~~(PV)~~ where ~~the~~ pointer values, each <u>indicate</u>~~indicating~~ an item value number, are arranged in order of unique record number. A part of records is selected as a subset, and in response to the selection, an ordered set array including the record numbers of the subset is created. Each record number in the ordered set array indicates the position of one of the pointer values in the pointer array<u>, which</u>. ~~The pointer values in the pointer array~~ are arranged in the item value number array correspondingly to ~~the~~ positions where the record numbers are arrayed. With reference to ~~the~~ values in the item value number array, a second pointer array <u>wherein</u>~~(PV2) where~~ position elements are arranged, and a second value list <u>wherein</u>~~(VL2) where~~ value elements are arranged, are generated.